AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listing of claims in the application.

- 1. Cancel
- 2. Cancel.
- 3. Cancel.

4(Currently Amended). A method of binding the α2δ subunit of voltage gated calcium channels comprising a step of administering to a patient in need thereof an effective amount of a compound represented by Formula (I) selected from: The method according to Claim 1, wherein the compound is selected from:

CI		N -
N N N N N N N N N N N N N N N N N N N		N - 0
N N N N N N N N N N N N N N N N N N N		N
N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	De la contraction de la contra
N	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N
NN	N-CI FF	11

N N N N N N N N N N N N N N N N N N N	N N N H-Ci	
N N O N H-CI	N O H-CI	N - O - O - O - O - O - O - O - O - O -
N N N N N N N N N N N N N N N N N N N	N H-CI	N N N N N N N N N N N N N N N N N N N
N N N N N N N N N N N N N N N N N N N	H-CI N-O	H-CI N-O
H-CI N	N N N N N N N N N N N N N N N N N N N	K-0-
N N O	K.O.O.	N N OFF

N N-	N	N N N N N N N N N N N N N N N N N N N
N N O	N-_N	N N N O
N N N O	N N N N N N N N N N N N N N N N N N N	N CI OH
N N O	N N N N N N N N N N N N N N N N N N N	N N O F
N N OH	N N N O	N N OH
N CI	N N N N N N N N N N N N N N N N N N N	N N N O F
N N N N N N N N N N N N N N N N N N N	N N O	N N O
N N O	N N O	N N O O

N N N O	N N O	N N N N N N N N N N N N N N N N N N N
N N N S	N	N N N N N N N N N N N N N N N N N N N
N N N N N N N N N N N N N N N N N N N	N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-	N OH
N N N O HO	H O	N N N N N N N N N N N N N N N N N N N
H-CI N-O-N.	NH N N	N N N N N N N N N N N N N N N N N N N
NH Br O	NH NH NH	NH NH NH N- N-O-
NH NH N- N- N- O-	N CH,	OH, OH, OH,
		N OI,

H,C CH, CH, CH, CH, CH, CH, CH, CH, CH,	H,C,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,	
N CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	N CH ₃ OCH ₃	H ₃ C N OH ₃
CH ₃ S N CH ₃ CH	CH ₃ OH	N CH,
N OH,	HO OH, OH, OH, OH, OH, OH, OH, OH, OH, O	
F N CH,	H ₂ N O CH ₃ CH ₃	CH ₃ OH ₃ OH ₃
CH ₃	H,C O CH ₃ O	

CH ₃ CH ₃	N	
CH ₃ OH ₃		
N OH, OH, OH,	H,C N CH ₃	
H,C-\langle_S\tag{OH_5}\ta	N CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ CH ₃ CH ₃
OH, OH, OH,	H,C N-N N-N N-N N-N N-N N-N N-N N-N N-N N-	
N CH ₃ OH ₅ OH ₆ OH ₇	CH ₃ CH	

	46	
N Ot, Ot,	ryc Coty	, pr ₄
N OH, OH,	OH,	
о о о о о о о о о о о о о о о о о о о	25 55 00 00 00 00 00 00 00 00 00 00 00 00	
N OH, OH,	CH ₃ CH ₃	64 pr
Z-29	\\ \rac{2}{2} \\ \rac{2} \\ \rac{2} \\ \rac{2}{2} \\ \rac{2}{2} \\ \rac{2}{2} \\ \rac{2}{2} \\ \rac{2}{2} \\	2,000
N CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O	N Oth Oth	in the constant of the constan
H,C,		0.5
N	H,C N CH, O'H, O'H, O'H, O'H, O'H, O'H, O'H, O'	N OH, OH, OH, OH,
0-	N OH,	G
CH ₃ CH ₃ CH ₃	N CH ₃ OH ₃ O	N OH,
N OH,		HO OH,
N OH, OH,	N CH, O'CH,	N CH ₃ OH ₃ OCH ₃

H,C N OH,	CI	H ₂ C, N CH ₃ OCH ₃ O
H ₂ C O	H ₂ C Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	
N CH'S OCH'S	H ₂ C A A A A A A A A A A A A A A A A A A A	HC OH,
CH ₃ OH ₃	H,C CI N CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O	H,C N OH, OH, OH, OH, OH, OH, OH, OH, OH,
	OH,	N CH ₃ CH ₃ N CH ₃
CH ₃ CH ₃ CH ₃ CH ₃ CH ₃		

CH ₃ CH ₃ CH ₃	N ON	H ₂ C _S N Otto
N OH,	N CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O	CH ₃
Chira	H ₂ C N N N N N N N N N N N N N	H ₂ C OH ₃
N CH, OCH, OCH, OCH, OCH, OCH, OCH, OCH,	N CH ₃	
CH ₃ OCH ₃	CH ₃ CH ₃	24, 24, 24, 24, 24, 24, 24, 24, 24, 24,
CH ₃	F P P P P P P P P P P P P P P P P P P P	Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-

OH, OH, OH,	H,C = Z - Z - Z - Z - Z - Z - Z - Z - Z - Z	CH,
CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	H ₂ C N OH ₃	F CH ₃ OH ₃ OH ₃ OH ₃ OH ₃
N CH ₃ N CH ₃ N CH ₃ N CH ₃	CH ₃ CH ₃ CH ₃ CH ₃	F F OH, OH, OH, OH, OH,
N CH, OH,	CI N CH ₃ CH ₃	H ₂ C-O N CH ₃ OH
B. N. CH, O'H, OH, OH, OH, OH, OH, OH, OH, OH	CH ₃ CH	N CH ₃ CH ₄ N CH ₄ N CH ₅ CH ₅ N CH ₅
N CH, CH, CH	H ₂ C N OH ₃	

HO	H.C. CH, Chiral	
N CH ₃ OCH ₃	H ₂ C Chiral Chi	
CI CH ₃	\$\frac{\frac}\frac{\frac}\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac{\frac{\frac}\fint{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac{\frac{\frac{\frac}\firiginta\frac{\frac{\frac{\frac{\frac{\frac{\frac{\	
	£ 2 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	F F
H,C N-N OH, OH,		2 - 2 - 2 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -
H ₃ C	N	CH,
N OH,		N OH,

S CH ₃ CH ₃ CH ₃	H ₂ C N CH ₃ CH ₃	N CH3 OCH3
	N CH ₃ CH ₃ CH ₃	
HC CH, CH, CH, CH, CH, CH, CH, CH, CH, C	H,C N OH,	N CH4 CH4 CH4
O CH ₃ N CH ₃ N CH ₃ CH ₃ CH ₃		NH ₂ CH ₃ OCH ₃
N CH ₃ CH ₃ CH ₃	E CH ₃ CH ₃ CH ₃ CH ₃	H ₃ C,,,O,,OH ₃ OH ₃
H,C CH ₃ CH	N CH, CH, CH,	

H ₃ C N N CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	N OH,
CH ₃ CH ₃	CO	
CH ₃		
N CH3 CH3	H ₃ C N CH ₃ O N CH ₃ O CH ₃	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
F N CH ₃ CCH ₃	E CH ₃ CH ₃	

H,C, O, N, OH, OH, OH, OH, OH, OH, OH, OH, OH, OH	CH ₃ CH ₃ CH ₃	H ₃ C O CH ₃
H,C D D D D D D D D D D D D D D D D D D D		S CH ₂ CH ₃
N CH ₃ CH ₃	H ₃ C CH ₃	
HO CH ₃ CH ₃ CH ₃ CH ₃	E CH ₃ CH ₃ CH ₃	
	N CH, CH, CH,	HO CH ₃ CH

CH ₃	N CH ₃ CH ₃	F CH ₃ CH ₃
F N N N N N N OH ₃	H ₂ C CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	
N CH ₃ CH ₃ CH ₃ CH ₃ CH ₃		di,
H ₂ C N CH ₃ CH ₃ CH ₃		CH ₃ OCH ₃ CH
N CH ₃ N CH ₃ CH ₃ CH ₃	N OH,	HyC OH ₃ N OH ₃ OH ₃ OH ₃
CH ₃		H,C OH,

N CH3 CH3	2	H,C O OH, OH, OH, OH, OH, OH, OH, OH, OH, O
H ₂ C	CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ CH ₃ CH ₃
S CH ₃ CH ₃	H ₂ C N N CH ₃ CH	\$\frac{z^{-z}}{2} \tag{2}\$
N CH ₃ CH ₃	OCH, CH, CH,	H ₃ C N OH ₃ OH ₃ OH ₃
OH, OH,	N OH,	F N COILS
S N CH ₃ CH ₃ CH ₃	2 - X - CH3	N CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O

N CH ₃ CH ₃	CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	24, 24, 24, 24, 24, 24, 24, 24, 24, 24,
H ₂ C OH ₃ OH ₃ OH ₃	2 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	CH ₃ CH ₃ CH ₃ CH ₄ CH ₃ CH ₄ CH ₅
CI CH ₃ CH ₃ CH ₃ CH ₃	N CH ₃ CH ₃ CH ₃	CH ₃
CH ₃ CH ₃ CH ₃ CH ₃	H ₃ C N OH ₃	
CH ₃ S N OH ₃ OH ₃ OH ₃ OH ₃ OH ₃	Oct o	CH ₃
N OH, OH, OH,	N OH,	N CH ₃ CH ₃ CH ₃

CH ₃ OH	H ₃ C N CH ₃ CH ₃ CH ₃ CH ₃	H ₂ C N N N N N N N N N N N N N N N N N N N
N OH3 OH3	D CH ₃ N CH ₃ O CH ₃ O CH ₃ O CH ₃	N CH4 CH4 CH4
F- 2- 2- 2- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3- 3-	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	Chiral Chiral
CH, N, CH, CH, N, CH, CH, N, CH, CH, N, CH,		
N CH ₃ CH ₃		H,C C C C C C C C C C C C C C C C C C C
Z- Z	N CH,	

		H ₃ C CH ₃ CH ₃ N OH ₃ OH ₃ OH ₃
H ₃ C O CH ₃	£, £, £, £, £, £,	CH ₂ CH ₃
F CH ₃ CH ₃	CH ₃	
H,C N OH, N	F F F OH,	OH OH OH, OH, OH, OH, OH, OH, OH, OH, OH
F F F F F F CH ₃	H,C N OH,	O CH ₃ CH ₃ CH ₃

O O O O O O O O O O O O O O O O O O O		CH ₃ N OH ₃ OH ₃ OH ₃
H ₃ C O CH ₃ O CH ₃ O CH ₃ O CH ₃		N CH,
CH ₃	₹, ₹, ₹, ₹, ₹, ₹, ₹, ₹, ₹, ₹, ₹, ₹, ₹, ₹	G-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z
NH ₂ CH ₃ O CH ₃	H ₂ N _N H N	N N N O
N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	

or a pharmaceutically acceptable salt thereof.

- 5. Cancel
- 6. Cancel.
- 7. Cancel.
- 8. Cancel
- 9. Cancel.

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10. Cancel.	
11. Cancel	
12. Cancel.	
13. Cancel.	
14. Cancel	
15. Cancel.	
16. Cancel.	
17. Cancel	
18. Cancel.	
19. Cancel.	
20. Cancel	
21. Cancel.	
22. Cancel.	
23. Cancel	
24. Cancel.	
25 (Original). A compound selected from:	

	N -	N N O
N N N O	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N
N N O CI		
CI N N N N N N N N N N N N N N N N N N N		
N N N O		N-X-N-O
N N N N N N N N N N N N N N N N N N N	N N O	N N N N N N N N N N N N N N N N N N N

N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	N N O N N N N N N N N N N N N N N N N N
N N N N N N N N N N N N N N N N N N N		N N N N N N N N N N N N N N N N N N N
	N H-CI	
N N N O H-CI	N-N-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O	
	N N N N N N N N N N N N N N N N N N N	N O O
N N O H-CI	N N O H-Ci	N N N N N N N N N N N N N N N N N N N

N N N N N N N N N N N N N N N N N N N	N H Ci	N H-CI
N H-CI	H-CI N-O	H-CI NOO
H-CI NO O	N N N N N N N N N N N N N N N N N N N	K, O.
N N O	K, O_O	N O F
N N	N N N O N	N N N N N N N N N N N N N N N N N N N
N N N O	N N N N N N N N N N N N N N N N N N N	N N N O
N N N O	N	N N OH

$\begin{bmatrix} \mathbf{N} & \mathbf{N} & \mathbf{N} \\ \mathbf{N} & \mathbf{N} \end{bmatrix} = \begin{bmatrix} \mathbf{N} & \mathbf{N} & \mathbf{N} \\ \mathbf{N} & \mathbf{N} \end{bmatrix}$	N N O O	N N N N N N N N N N
N N OH	N N O	N N OH
N N O	N N O	N N N N N N N N N N N N N N N N N N N
N N N O	N-\(\)-0-\(\)	N N O
N N O	N N O	N N O
N N N O	N N O	N N O
N N N N N N N N N N N N N N N N N N N	N N N O	N N N O
N N N O	N N N O	N OH

N N N O N	N N O	N N O H
H-CI N-N-O	NH N O	
NH N Br) O H H H H H H H H H H H H H H H H H H	NH N-O-O
NH NH NH NH NH NH NH NH NH NH NH NH NH N	N CH ₃ CH ₃	
N OH,		N OH,
H ₂ C CH ₃ N CH ₃ N CH ₃ CH ₃ N CH ₃ CH ₃ N CH ₃ N CH ₃ CH ₃ N CH ₃ N CH ₃ CH ₃ N	HC O O O O O	
N CH, O CH,	N CH ₃ CH ₃	H ₂ C N OH ₃ OH ₃ OH ₃ OH ₃

CH ₃ N CH ₃ CH	OH, OH, OH, OH,	N
N CH ₃ CH ₃	HO CH ₃ CH ₃ CH ₃ CH ₃	
H ₂ C CH ₃	H ₂ N O CH ₃ CH ₃ CH ₃	N OH,
CH ₃	H,C OCH, OCH, OCH, OCH, OCH, OCH, OCH, O	N CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O
CH ₃	N OH, OH, OH,	A4, O4, O4, O4, O4, O4, O4, O4, O4, O4, O
CH ₃		N

N CH ₃ CH ₃	H ₃ C N CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	N OH, OH, OH,
H,C-\s\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	N N N N N N N N N N N N N N N N N N N	OH, OH, OH, OH, OH,
N CH ₃ COH ₃	H ₂ C	N OH, OH,
CH ₃ CH ₃ CH ₃	CH ₃ O O CH ₃ O C C C C C C C C C C C C C C C C C C	CH, O'CH, N CH, O'CH, OH, OH, OH, OH, OH, OH, OH,
N OH, OH, OH,	H ₃ C OH ₃ OH ₃ OH ₃ OH ₃	N OH,
CH3	CH ₃ CCH ₃ CCH ₃ CCH ₃ CCH ₃	N CH OCH OCH

CH ₃ OH		N CH3 CH3
N CH ₃ CH ₄ N CH ₄ N CH ₅ CH ₄ N CH ₅ CH ₄ N CH ₅ CH ₅ N CH ₅ CH ₅ N CH ₅ CH ₅ N CH	H ₃ C N CH ₃	24, 24, 24, 24, 24, 24, 24, 24, 24, 24,
CH ₃ CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	N CH ₃	CI N CH, OH, N CH, OH,
N CH ₃	F F CH ₃ CCH ₃	D OH,
H,C N OH,	CI OCH, OCH, OCH,	H ₂ C, OH ₃
H,C O	H,C, N-N CH,	CH, CH, CH,

N CH3 OH3 OH3	PIS	H ₃ C OH ₃
A4, O4, O4, O4, O4, O4, O4, O4, O4, O4, O	TC T T T T T T T T T T T T T T T T T T	N CH ₃
2	OH,	CH ₃ CH ₃
CH ₃ CH ₃ CH ₄		2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
CH ₃ CH ₃ CH ₃	OH, OH, OH, OH,	H ₂ C ₂ S N N N N N N N N N N N N N N N N N N
	CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O	CH ₃ CH ₃ CH ₃

Chira	ңс	ф
At Oth		H,C N CH,
N CH ₃ CH ₃	OH, OH, OH,	F F O O O O O O O O O O O O O O O O O O
O-CH ₃	N CH ₃	Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-
2, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	F F CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CI CI CH ₃ CH ₄ CH ₅
2-2-2-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4	H ₂ C = N OH ₃ OH	CH ₃
CH ₃	H ₃ C H ₃ C N CH ₃ C OH ₃	N OH,

O CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ OH ₃ OH ₃	F F CH ₃ CH ₃
	CI N OH, OH, N OH, OH,	H ₃ C OH ₃ OH ₃ OH ₃ OH ₃
H ₂ C B CH ₃	N CH,	CH ₃ CH ₃ CH ₃ CH ₃ CH ₃
OH ₃ OH ₃	H ₃ C N CH ₃ CH ₃ CCH	
HO CH ₃ CH	H ₃ C OH ₃ CH ₃	
	N	CH's OH'S OH'S OH'S OH'S

CH ₃ CH ₃ CH ₃	H ₂ C OH ₃	F F F OH,
H ₂ C N-N N-N OH ₃ OH ₃ OH ₃	2 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
H ₃ C CH ₃	N CH,	H ₃ C N OH ₃ OH ₃ OH ₃ OH ₃
N CH ₃ CH ₃		
S	H ₃ C N N N N N N N N N N N N N N N N N N N	
	N CH, CH, CH,	N CH, OCH, OCH, OCH, OCH, OCH, OCH, OCH,

H,C OH,	CH, N, OH, OH, OH, OH, OH, OH, OH, OH, OH, OH	N CH, N CH, N CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O
CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	NH ₂ CH ₃ CH ₃ CH ₃ CH ₃
CH ₃ CH ₃ CH ₃	E	H ₂ C O CH ₃ OH
H ₂ C CH ₃	N	Q, Z, Z, Q, Q, Z, Q,
H,C N OH,	CH ₃	
CH ₃ CH ₃ CH ₃	C	2, 2, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3,

Сң,	CI I	
CH ₃ CH ₃ CH ₃		
Z	H ² S S S S S S S S S S S S S S S S S S S	N OH, OH, OH,
F CH ₃	\$\frac{\tau^2}{2-2} \tau^2	
H,C O OH, OH, OH, OH, OH, OH, OH, OH, OH, O	CH ₃ OH ₃ OH ₃	H ₃ C O
N, CH, CH, CH, CH, CH, CH, CH, CH, CH, CH		S OH,
N CH, O CH,	H,C CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O	

HO CH ₃ OCH ₃	E CH ₃ O CH ₃ CH ₃ O CH ₃ CH ₃ O CH ₃	CH, CH, CH, CH,
Oth	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	F F F CH ₃ CH ₃ CH ₃ CH ₃ CH ₃
CH ₃	N CH ₃ CH ₃	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
P OH,	H ₃ C N CH ₃	2 2 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
N CH ₃ OH ₃		\$\frac{1}{2} \frac{1}{2} \frac

	CI	QH ₂ O OH ₃
H,C N CH, N CH,	N CH, CH, CH,	N CH ₃
CH ₃ CH ₃ CH ₃ CH ₃	N CH ₃	H ₃ C CH ₃ N CH ₃ OH ₃ O
CH ₃		CH ₂ N N N N N N N N N N N N N
2 2 4 5 CH3	CH ₃	H,C-\(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\)
H ₃ C N CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ CH ₃
S N CH3 N CH	H,C N OH,	

CH, CH, CH,	2 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	H ₃ C N OH ₃ OH ₃
N CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O		F F N CH3
S-N N-CH ₃ CH ₃ CH ₃ CH ₃		N OH, OH, OH,
N, CH, CH, CH, CH, CH, CH, CH, CH, CH, CH	CH ₃ CH ₃ CH ₃	
H,C OH,	OH, OH, OH,	N OI, OI, OI,
CI N CH,		CH ₃ COH

CH ₃ CH ₃ CH ₃	H,C N CH, O	
OH, N	Z CH ₃ CH ₃ CH ₃	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
CH ₃	N CH3 CH3 CH3	
CH ₃	CH ₃ H ₃ C N CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	H,C OH,
N CH ₃ N CH ₃ OH ₃	O CH ₃	N CH, N CH, OCH,
CH ₃ OH ₃ OH ₃ OH ₃ OH ₃	CH ₃ CH ₃ CH ₃	H,C, QH, Chiral

CH, N, OH, N, OH, OH, OH, OH, OH, OH, OH, OH, OH, OH		N N N OH, OH,
OH ₃ OH ₃ OH ₃ OH ₃	\$ 2 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	H ₂ C O ₄
CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	
	E CH, N CH,	H ₂ C CH ₃ OH ₃ OH ₃ OH ₃ OH ₃
H,C OCH, OCH, OCH, OCH, OCH, OCH, OCH, O	O CH ₃ N CH ₃ N CH ₃ O CH ₃	CH ₃

F CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ CH ₃	
H ₂ C N Ot	F F CH ₃ CH ₃	P P P P P P P P P P P P P P P P P P P
F F F F CH ₃ CH ₃	H ₂ C N OH ₃ OH ₃	CH ₃ CH ₃ CH ₃
OH, OH, OH,	2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	CH ₂ CH ₃
H,C, O, CH, N, C	N CH3 CH3	N ON ON ON ON
CH ₃ CH ₃ OH	CH ₃	OH,

or a pharmaceutically acceptable salt thereof.

26 (Currently Amended). A compound represented by Formula (I):

$$R^4$$
 R^2
 R^3

(I)

or a pharmaceutically acceptable salt thereof, wherein

R¹ is -C₀-6alkyl-aryl, -C₀-6alkyl-heteroaryl, -C₀-6alkyl-C₃-6cycloalkyl, or -C₀-6alkyl-heteroC₃-7cycloalkyl, optionally substituted with 1-6 independent halogen, -CN, NO₂, -C₁-6alkyl, -C₀-6alkyl-C₃-6cycloalkyl, -C₀-6alkyl-heteroC₃-7cycloalkyl, -OR⁶, -NR⁶R⁷, -C(=NR⁶)NR⁷R⁸, -N(-NR⁸R⁶)NR⁷R⁸, -NR⁶COR⁷, -NR⁶CO₂R⁷, -NR⁶SO₂R⁸8, -NR⁶CONR⁷R⁸, -SR⁸8, -SO₂R⁸8, -SO₂NR⁶R⁷, -COR⁶, -CO₂R⁶, -CONR⁶R⁷, -C(=NR⁶)R⁷, or -C(=NOR⁶)R⁷ substituents;

 R^2 , R^4 , R^3 , and R^5 each independently is $-C_{0-6}$ alkyl, $-C_{0-6}$ alkyl-aryl, $-C_{0-6}$ alkyl-heteroaryl, $-C_{0-6}$ alkyl-C₃₋₆cycloalkyl, or $-C_{0-6}$ alkyl-heteroC₃₋₇cycloalkyl, optionally substituted with 1-6 independent halogen, -CN, NO_2 , $-C_{1-6}$ alkyl, $-OR^6$, $-NR^6R^7$, $-C(=NR^6)NR^7R^8$, $-N(-NR^8R^6)NR^7R^8$, $-NR^6COR^7$, $-NR^6CO_2R^7$, $-NR^6SO_2R^88$, $-NR^6CONR^7R^8$, $-SR^88$, $-SO_2R^88$, $-SO_2NR^6R^7$, $-COR^6$, $-CO_2R^6$, $-CONR^6R^7$, $-C(=NR^6)R^7$, or $-C(=NOR^6)R^7$ substituents; and

R6, R7, R8, and R88 each independently is -C0-6alkyl, -C3-7cycloalkyl, heteroaryl, or aryl; optionally substituted with 1-5 independent halogen, -CN, -C1-6alkyl, -O(C0-6alkyl), -O(C3-7cycloalkyl), -N(C0-6alkyl)(C0-6alkyl), -N(C0-6alkyl)(C3-6alkyl)

7cycloalkyl), or -N(C₀-6alkyl)(aryl) substituents, wherein when the carbon atom in -C₀-<u>6alkyl equals "0" then no alkyl is present;</u> provided that the compound is not 6-methyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 1,4,5,7-tetramethyl-6-phenyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 1,4,5-trimethyl-6,7-diphenyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 5,7-dimethyl-1,4,6-triphenyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 5-methyl-1,4,6,7-tetraphenyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 1,4-bis-(4-methoxy-phenyl)-5,7-dimethyl-6-phenyl-6*H*-pyrrolo[3,4d]pyridazine, 1,4-bis-(4-methoxy-phenyl)-5-methyl-6,7-diphenyl-6H-pyrrolo[3,4d|pyridazine, 1,4-diethyl-5,7-dimethyl-6-phenyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 1,4,5,7-tetramethyl-6H-pyrrolo[3,4-d]pyridazine, N-(1,4,5,7-tetramethyl-pyrrolo[3,4-d]pyridazin-6-yl)-benzamide, 1,4,5,7-tetramethyl-pyrrolo[3,4-d]pyridazin-6-ylamine picrate, 1,4,5,7-tetramethyl-pyrrolo[3,4-d]pyridazin-6-ylamine, 5,7-dimethyl-6-phenyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 5,7-dimethyl-2-phenacyl-6*H*-pyrrolo[3,4-*d*]pyridazinium bromide, 2-(2-methoxycarbonylvinyl)-5,7-dimethyl-6*H*-pyrrolo[3,4-*d*]pyridazinium tetrafloroborate 5.7-diphenyl-6H-pyrrolo[3.4-d]pyridazine, 5,6,7-trimethyl-6H-pyrrolo[3,4-d]pyridazine, 1,4-diphenyl-7,8,9,10-tetrahydro-pyridazino[4,5-a]indolizine, 5-methyl-1,4-diphenyl-7,8,9,10-tetrahydro-pyridazino[4,5-a]indolizine, 6-benzyl-1,4-diphenyl-5-p-tolyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 6-benzyl-5-(2-chloro-phenyl)-1,4-diphenyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 1,4,5,6,7-pentaphenyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 6,7,10,11-tetraphenyl-pyridazino[4',5':3,4]pyrrolo[1,2-a]quinoxaline, 11-(4-nitro-phenyl)-6,7,10-triphenyl-pyridazino[4'.5':3,4]pyrrolo[1,2a]quinoxaline,

6-benzyl-1,4,5-triphenyl-6*H*-pyrrolo[3,4-*d*]pyridazine,
9,12-diphenyl-pyridazino[4',5':3,4]pyrrolo[2,1-*a*]isoquinoline,
5-methylsulfanyl-1,4,6,7-tetraphenyl-6*H*-pyrrolo[3,4-*d*]pyridazine,
1,4,6,7-tetraphenyl-6*H*-pyrrolo[3,4-*d*]pyridazine-5-carboxylic acid ethyl ester,
7,10-diphenyl-pyridazino[4',5':3,4]pyrrolo[1,2-*a*]quinoline,
11,14-diphenyl-pyridazino[4',5':3,4]pyrrolo[1,2-*f*]phenanthridine,

1-oxo-7-oxy-6b,11b-dihydro(pyridazino[4',5'-c]-pyrrolo)[2.1-c]benzoxazine-1,4, 10-methyl-1,4-diphenyl-8,9-dihydro-7H-benzo(ef)pyridazino[4,5a]cycl[3.3.2]azine, 11-methyl-1,4-diphenyl-7,8,9,10-tetrahydrocyclohepta(ef)pyridazino[4,5a]cycl[3.3.2]azine, 1,4-dichloro-5,6,7-trimethyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 1-chloro-4-ethoxy-5,6,7-trimethyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 1-chloro-5,6,7-trimethyl-6*H*-pyrrolo[3,4-*d*]pyridazinium chloride, 1-ethoxy-2,5,6,7-tetramethyl-6*H*-pyrrolo[3,4-*d*]pyridazinium tetrafluoroborate, 1-ethoxy-5,6,7-trimethyl-2H,6H-pyrrolo[3,4-d]pyridazinium tetrafluoroborate, 1-ethoxy-3-ethyl-5,6,7-trimethyl-6*H*-pyrrolo[3,4-*d*]pyridazinium tetrafluoroborate, 1-ethoxy-5,6,7-trimethyl-6*H*-pyrrolo[3,4-*d*]pyridazine, 5-cyano-1,4-dimethylpyridazino[4,5-a]indolizine, 1,4-dimethyl-6-phenyl-2,3,8a-triaza-fluorene-9-carbonitrile, 6-benzolyl-1,4-dimethyl-2,3,8a-triaza-fluorene-9-carbonitrile, 6-benzyl-1,4-diphenyl-2,3,8a-triaza-fluorene-9-carbonitrile, 1,4,6-trimethyl-2,3,8a-triaza-fluorene-9-carbonitrile, 5-cyano-1,4-diphenylpyridazino[4,5-a]indolizine, 6-methyl-1,4-diphenyl-2,3,8a-triaza-fluorene-9-carbonitrile, 6-benzoyl-1,4-diphenyl-2,3,8a-triaza-fluorene-9-carbonitrile, 1,4,6-triphenyl-2,3,8a-triaza-fluorene-9-carbonitrile, 5,7-dimethyl-1,4-diphenyl-2,3,8a-triaza-fluorene-9-carbonitrile, 9,12-diphenyl-pyridazino[4',5':3,4]pyrrolo[2,1-a]isoquinoline-8-carbonitrile, dimethyl 3,12,13,17-tetramethyl-7²,7³-diazabenzo[g]porphyrin-2,18dipropionate, 5,6-dihydro-2,3-dimethoxypyridazino[4',5':3,4]pyrrolo[2,1-a]isochinolin-9ol, 5,6-dihydro-2,3-dimethoxypyridazino[4',5':3,4]pyrrolo[2,1-a]isochinolin-9ol-hydrochloride, 3-methyl-6,9-diphenylthiazolo[3',2':1,2]pyrrolo[3,4-d]pyridine, or 1,4-diphenylpyridazino[4',5':3,4]pyrrolo[2,1-b]benzothiazole; and

is not selected from the following table:

CH ₃ N—CH ₃ CH ₃	CH ₃ CH ₃ N OH CH ₃ CH ₃	CH ₃ N N CH ₃ CH ₃ CH ₃ CH ₃ CH ₃
CH ₃ CH ₃ N N CH ₃ CH ₃	CH ₃ CH ₃ N N CH ₃ CH ₃	CH ₃ CH ₃ NH ₂ CH ₃ CH ₃
CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ N CH ₃ CH ₃	CH ₃ CH ₃ N N CH ₃ CH ₃ NH ₂
CH ₃ CH ₃ N N CH ₃ CH ₃	CH ₃ CH ₃ CH ₃ N—CH ₃ CH ₃	CH ₃ CH ₃ O CH ₃
CH ₃ CH ₃ N N CH ₃ CH ₃		

Amended Claims possibly to be rejoined:

1(Currently Amended). A method of binding the $\alpha_2\delta$ subunit of voltage gated calcium channels comprising a step of administering an effective amount of a compound represented by Formula (I):

or a pharmaceutically acceptable salt thereof, wherein

R¹ is -C₀-6alkyl-aryl, -C₀-6alkyl-heteroaryl, -C₀-6alkyl-C₃-6cycloalkyl, or -C₀-6alkyl-heteroC₃-7cycloalkyl, optionally substituted with 1-6 independent halogen, -CN, NO₂, -C₁-6alkyl, -C₀-6alkyl-C₃-6cycloalkyl, -C₀-6alkyl-heteroC₃-7cycloalkyl, -OR⁶, -NR⁶R⁷, -C(=NR⁶)NR⁷R⁸, -N(-NR⁸8R⁶)NR⁷R⁸, -NR⁶COR⁷, -NR⁶CO₂R⁷, -NR⁶SO₂R⁸8, -NR⁶CONR⁷R⁸, -SR⁸8, -SO₂R⁸8, -SO₂NR⁶R⁷, -COR⁶, -CO₂R⁶, -CONR⁶R⁷, -C(=NR⁶)R⁷, or -C(=NOR⁶)R⁷ substituents;

R², R⁴, R³, and R⁵ each independently is -C₀-6alkyl, -C₀-6alkyl-aryl, -C₀-6alkyl-heteroaryl, -C₀-6alkyl-C₃-6cycloalkyl, or -C₀-6alkyl-heteroC₃-7cycloalkyl, optionally substituted with 1-6 independent halogen, -CN, NO₂, -C₁-6alkyl, -OR⁶, -NR⁶R⁷, -C(=NR⁶)NR⁷R⁸, -N(-NR⁸8R⁶)NR⁷R⁸, -NR⁶COR⁷, -NR⁶CO₂R⁷, -NR⁶SO₂R⁸8, -NR⁶CONR⁷R⁸, -SR⁸8, -SO₂R⁸8, -SO₂R⁸8, -SO₂NR⁶R⁷, -COR⁶, -CO₂R⁶, -CONR⁶R⁷, -C(=NR⁶)R⁷, or -C(=NOR⁶)R⁷ substituents; and

R6, R7, R8, and R88 each independently is -C₀-6alkyl, -C₃-7cycloalkyl, heteroaryl, or aryl; optionally substituted with 1-5 independent halogen, -CN, -C₁-6alkyl, -O(C₀-6alkyl), -O(C₃-7cycloalkyl), -O(aryl), -N(C₀-6alkyl)(C₀-6alkyl), -N(C₀-6alkyl)(C₃-7cycloalkyl), or -N(C₀-6alkyl)(aryl) substituents, wherein when the carbon atom in -C₀-6alkyl equals "0" then no alkyl is present; and

provided that the compound is not selected from the following table:

CH ₃ N—CH ₃ CH ₃	CH ₃ CH ₃ N OH CH ₃ CH ₃	CH ₃ CH ₃ N N CH ₃ CH ₃ CH ₃ CH ₃
CH ₃ CH ₃ N N CH ₃ CH ₃	CH ₃ CH ₃ N N CH ₃ CH ₃	CH ₃ CH ₃ NH ₂ N—CH ₃ CH ₃
CH ₃ CH ₃ N CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ N CH ₃ CH ₃	CH ₃ CH ₃ N N CH ₃ CH ₃ NH ₂

2(Original). The method according to Claim 1, wherein R^1 is $-C_{0-6}$ alkylaryl.

3(Original). The method according to Claim 2, wherein R^1 is $-C_{0-6}$ alkylphenyl.

4(Currently Amended). A method of binding the α2δ subunit of voltage gated calcium channels comprising a step of administering to a patient in need thereof an effective amount of a compound represented by Formula (I) selected from: The method according to Claim 1, wherein the compound is selected from:

N N O CI		CI
CI N N O		N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-
N N N N N N N N N N N N N N N N N N N		N O
N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	N
N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	Z-Z-Z-O
N N N N N N N N N N N N N N N N N N N	N -	N N N N N N N N N N N N N N N N N N N

N A A A	N H CI	
N H-CI	N N H-CI	
N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	N N O
N-O N-O H-CI	N N O H-CI	N N N N N N N N N N N N N N N N N N N
N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	N H-CI
N H-CI	H-CI N-Q	H-CI N-Q-Q

H-CI N-O	N N N N N N N N N N N N N N N N N N N	K, 0. N N N N N N N N N N N N N N N N N N
	к·о- о	
N N	N N N N N N N N	N N N N N N N N N N N N N N N N N N N
N N O	N N N N N N N N N N N N N N N N N N N	N N N O
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	N N N N N N N N N N N N N N N N N N N	N OH
N N O	N	N N N N N N N N N N
N N OH	N N O	N OH
N N O	N N N N N N N N N N N N N N N N N N N	N N O F

$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	N N N N N N N N N N N N N N N N N N N	N N O
N N O	N N N O O	N N N O N O N O N O N O N O N O N O N O
N N O	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N
N N S	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N
N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	N OH
N N N N N N N N N N N N N N N N N N N	N N N O	N N N N N N N N N N N N N N N N N N N
H-CI N-N-O	NH N N	N N N N N N N N N N N N N N N N N N N
NH Br O	NH NH NH	NH N N N N N N N N N N N N N N N N N N

NH NH N- N- N- N- N- N- N- N- N- N- N- N- N-	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	N CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O
N CH, CH, CH,	2, 2, 3, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,	Not on one of one of the original of the origi
H ₂ C OH ₃ OH ₃ OH ₃ OH ₃ OH ₃	2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	CH, CH, CH,
N CH ₃	N CH, O CH,	4, 2, 2, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,
CH ₃		Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
N CH ₃ CH ₃	HO NA CHANGE COLA	

H,C N OH,	H ₂ N O CH ₃ O CH ₃	N CH3 OCH3 N CH3 OCH3 N CH3 OCH3
OH, OH, OH,	£, 2, 2, 2, 4, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	N CH ₃ OH ₃
CH ₃ CCH ₃	\$\frac{1}{2} \\ \frac{1}{2} \\ \frac	Z CH,
CH ₃	N CH ₃ CH ₃ CH ₃	N OH,
N OH,	H,C N CH,	
H.C. N. CH,	OH, OH, OH,	2, 24, 04, 04, 04, 04, 04, 04, 04, 04, 04, 0

N CH, OCH, OCH,	H ₃ C N-N N-N N-N N-N N-N N-N N-N N-N N-N N-	Z-N-OH, OH, OH,
N CH ₃ CH ₃	CH3 CH3 CH3 CH3	CH, O'CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O
N CH, CH,	H,C	N C15 OH5
CH ₃	CH ₃ OCH ₃	N CH, CH,
CH,		Ot ot ot
N, CH, CH, CH, CH, CH, CH, CH, CH, CH, CH	H ₂ C N CH ₃ CH ₃	OH,

CH ₃ OCH ₃ OCH ₃	N CH ₃ CH ₃ CH ₃	CI N CH, OH, N CH, OH, OH, OH,
N CH ₂ CH ₃	F P CH ₃ CH ₃ CH ₃	HO OH, OH, OH, OH,
H,C N OH,	Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-	HC CH ₃ CH
H,C O	H,C, Z,	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
N CH, OH,	HC N CH OCH	CH ₅ N ₄ C N
CH ₃ O N N O N O N O N O N O N O N O N O N	H _G C OH ₃ OH ₃ OH ₃ OH ₃	H,C N OH,

CI N CH ₃ OCH ₃		DH ₂ OH ₃ OH ₃
CH ₃ CH ₃	2 2 2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	N CH, OH, OH, OH,
CH ₃ CH ₃ CH ₃	24-0 A-0 A-0 A-0 A-0 A-0 A-0 A-0 A-0 A-0 A	N, CH, CH, CH, CH, CH, CH, CH, CH, CH, CH
N OH, OH, OH,	F OH, OH, OH,	OH, OH, OH,
Chire	H,C N N OH, OH, OH, OH,	A,C A,
CH ₃ CCH ₃		F F F OUT OUT OUT

CH ₃ CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ COH	
CH ₃ CH ₃ CH ₃ CH ₃	F CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O	CH,
	H ₂ C = Z - Z - Z - Z - Z - Z - Z - Z - Z - Z	24, 24, 24, 24, 24, 24, 24, 24, 24, 24,
CH ₃	H ₂ C N OH ₃	N CH,
O CH, CH, CH,	O CH ₃ OH ₃	F Oth Oth Oth
N OH, OH, OH,	CI N CH ₃ OH ₃ N OH ₃ OH ₃	N CH O'N N C

H ₃ C Br N OH ₃ OH ₃ OH ₃	N CH3	CH ₃ CH ₃ CH ₃
OH, OH,	H ₃ C N CH ₃ O CH	
HO CH ₃ CH ₃ CH ₃	H,C Chiral	
21 C1	0H,	CH ₂ CH ₃ CH
N OH, OH,	HC CH ₃ OH ₃ OH ₄	F F F ON
H,C N-N N-N OH, OH,		

H ₃ C CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	N N OH,	H,C N OH, N
N OH,	CI CH ₃ CH	N CH, CH, CH,
S N CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	H ₃ C N-N CH ₃ CH ₃ CH ₃	N OH, OH,
	N CH ₃ N CH ₃ OH ₃ CH ₃ OH ₃	
HC CH C	CH ₃	Hic. O
O CH ₃ N CH ₃ O CH ₃ O CH ₃		NH ₂ CH ₃ OCH

CH ₃ CH ₃ CH ₃	E CH ₃ OCH ₃ OCH ₃	H ₃ C, O, OH ₃ OH
H ₃ C CH ₃ CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	N	
H ₃ C N N OH ₃ OH ₃	CH3 CH3 CH3	N CH,
CH ₃ CH ₃	CI	
CH ₃	CI N CH,	N CH,
	H,C O O O O O O O O O O O O O O O O O O O	OH, OH,

F CH ₃ CH ₃ CCH ₃	K-X-X-CH3 CH3 CH3 CH3	QH,
H,C,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,	CH ₃ CH ₃ CH ₃	H ₂ C O CH ₃ CH ₄ CH ₅
H,C N CH,	N N N N N N N N N N N N N N N N N N N	
CH ₃ CH ₃ CCH ₃	H ₃ C CH ₃	
HO CH ₃ OCH ₃ OCH ₃	E	2 2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

OH, OH, OH,	N CH ₃ CH ₃ CO ₄ CO ₄	E E E E E E E E E E E E E E E E E E E
CH ₃ N N CH ₃ CH	Z - Z - Z - Z - Z - Z - Z - Z - Z - Z -	F
CH ₃ CH ₃ CH ₃ CH ₃	H ₂ C N CH ₃	CH ₃ CH ₃ COH ₃
CH ₃		At CH
H,C N CH, N		CH, OCH, CH, CH, CH, CH, CH, CH, CH, CH, CH,
OH ₃ OH ₃ OH ₃ OH ₃	N OH,	H ₃ C OH ₃ N OH ₃ OH ₃ OH ₃ OH ₃ OH ₃

CH ₃ OCH ₃		H ₃ C OH ₃
N CH's CH's CH's	D	H,C-OO
H ₃ C N CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CH ₃	CH ₃ CH ₃ CH ₃ CH ₃
S CH ₃ CH ₃ CCH ₃	H ₃ C N OH ₃	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
N CH,	OH, OH, OH,	H ₂ C N N N N N N N N N N N N N N N N N N N
OH, OH, OH,	N OI, OI, OI,	F F N Od, Od, Od,

S N CH ₃ CH ₃ CH ₃		N CH,
CH ₃ CH ₃	CH ₃ CH ₃ CH ₃	
H,C CH, CH, CH,	4-0 Z-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X	OH, OH,
CI CH ₃ CH ₃ CH ₃	N CH,	\$\frac{1}{2} \frac{1}{2} \frac
CH ₃ CH ₃ CH ₃ CH ₃	HC N CH,	
CH ₃ S N OH ₃ OH ₃ OH ₃ OH ₃	O CH ₃	

N OH, OH, OH,	N CH ₃	N OH,
CH ₃	CH ₃ H ₂ N N N N N N N N N N N N N	H ₃ C N N N OH ₃ OH ₃ OH ₃ OH ₃
N CH3 CH3	2	N CH ₃ CH ₃ CH ₃
CH ₃ CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ CH ₃ CH ₃	H ₃ C Chiral
H,C N CH,		
N N N N N N N N N N N N N N N N N N N		CH, CH, CH, CH, CH, CH, CH, CH, C

CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
	L Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	H ₃ C CH ₃ OH ₃ OH ₃ OH ₃ OH ₃ OH ₃ OH ₃
H ₃ C ₂ O ₂ O ₃ O ₄ O ₄ O ₄ O ₄ O ₅ O ₄ O ₅	\$\frac{z^{-\crace}}}}}}}}}} \leftirm \frac{\frac{z^{-\frac{z^{-\frac{z^{-\frac{z^{-\frac{z^{-\crace}}}}}}}}} \leftirm \frac{\frac{z^{-\frac{z^{-\frac{z^{-\frac{z^{-\frac{z^{-\fracc}}}}}}}}} \leftirm \frac{\frac{z^{-\frac{z^{-\frac{z^{-\frac{z^{-\frace}}}}}}}}}} \leftirm \frac{\frac{z^{-\frac{z^{-\frac{z^{-\frace}}}}}}}}} \leftirm \frac{\frac{z^{-\frac{z^{-\frac{z^{-\frac{z^{-\frac{z^{-\frac{z^{-\frac{z^{-\frac{-\frac{z^{-\frac{z^{-\frac{-\frac{z^{-\frac{\frac{-\frac{\frac{-\frac{\frac{\frac{\frac{\frac{-\cace\cace\carce}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}	2, 2, 2, 3, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,
F CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ CH ₃ CH ₃	
H ₂ C N OH ₃ OH ₃ OH ₃ OH ₃	E	F F F OH OH, OH, OH, OH, OH, OH, OH, OH, OH,

F F F F F F F F F F F F F F F F F F F	H ₂ C N OH ₃	O N CH ₃ CH ₃ CH ₃
2 2 2 4 5 5 6 4 5 6 4 5 6 4 5 6 6 4 5 6 6 6 6	0 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	CH ₃ N N CH ₃ CH ₃ CH ₃
H ₃ C O CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
CH ₃	4, 2, 4, 2, 4, 2, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	CH ₃ CH ₃ CH ₃ CH ₃ CH ₃
NH ₂ CH ₃ OCH ₃	H ₂ N _N H N	
N N N N N N N N N N N N N N N N N N N	N-N-N-O	

or a pharmaceutically acceptable salt thereof.

5(Original). A method of treatment of neuropathic pain comprising a step of administering an effective amount of a pharmaceutical composition comprising: a therapeutically effective amount of the compound according to claim 1, or a pharmaceutically acceptable salt thereof; and a pharmaceutically acceptable carrier.

6(Original). The method according to claim 5, wherein said composition further comprising i) an opiate agonist, ii) an opiate antagonist, iii) an mGluR5 antagonist, iv) a 5HT receptor agonist, v) a 5HT receptor antagonist, vi) a sodium channel antagonist, vii) an NMDA receptor agonist, viii) an NMDA receptor antagonist, ix) a COX-2 selective inhibitor, x) an NK1 antagonist, xi) a non-steroidal anti-inflammatory drug, xii) a GABA-A receptor modulator, xiii) a dopamine agonist, xiv) a dopamine antagonist, xv) a selective serotonin reuptake inhibitor, xvi) a tricyclic antidepressant drug, xvii) a norepinephrine modulator, xviii) L-DOPA, xix) buspirone, xx) a lithium salt, xxi) valproate, xxii) neurontin, xxiii) olanzapine, xxiv) a nicotinic agonist, xxv) a nicotinic antagonist, xxvii) a muscarinic agonist, xxviii) a selective serotonin and norepinephrine reuptake inhibitor (SSNRI), xxix) a heroin substituting drug, xxx) disulfiram, or xxxi) acamprosate.

7(Original). The method according to claim 6, wherein said heroin substituting drug is methadone, levo-alpha-acetylmethadol, buprenorphine or naltrexone.

8(Currently Amended). A method of treatment or prevention of pain comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

9(Currently Amended). A method of treatment or prevention of a pain disorder wherein said pain disorder is acute pain, persistent pain, chronic pain, inflammatory pain, or neuropathic pain, comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

10(Currently Amended). A method of treatment or prevention of anxiety, depression, bipolar disorder, psychosis, drug withdrawal, tobacco withdrawal, memory loss, cognitive impairment, dementia, Alzheimer's disease, schizophrenia or panic comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

11(Currently Amended). A method of treatment or prevention of disorders of extrapyramidal motor function comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

12(Original). The method of claim 11 wherein said disorder of extrapyramidal motor function is Parkinson's disease, progressive supramuscular palsy, Huntington's disease, Gilles de la Tourette syndrome, or tardive dyskinesia.

13(Currently Amended). A method of treatment or prevention of anxiety disorders comprising the step of administering a therapeutically effective amount, or a prophylactically

effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

14(Original). The method of claim 13 wherein said anxiety disorder is panic attack, agoraphobia or specific phobias, obsessive-compulsive disorders, post-traumatic stress disorder, acute stress disorder, generalized anxiety disorder, eating disorder, substance-induced anxiety disorder, or nonspecified anxiety disorder.

15(Currently Amended). A method of treatment or prevention of neuropathic pain comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

16(Currently Amended). A method of treatment or prevention of Parkinson's Disease comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

17(Currently Amended). A method of treatment or prevention of depression comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

18(Currently Amended). A method of treatment or prevention of epilepsy comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

19(Currently Amended). A method of treatment or prevention of inflammatory pain comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

20(Currently Amended). A method of treatment or prevention of cognitive dysfunction comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

21(Currently Amended). A method of treatment or prevention of drug addiction, drug abuse and drug withdrawal comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

22(Currently Amended). A method of treatment or prevention of bipolar disorders comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

23(Currently Amended). A method of treatment or prevention of circadian rhythm and sleep disorders comprising the step of administering a therapeutically effective amount, or a prophylactically effective amount, of the compound according to claim 1 or a pharmaceutically acceptable salt thereof.

24(Original). The method of Claim 23 wherein the circadian rhythm and sleep disorders are shift-work induced sleep disorder or jet-lag.

25 (Original). A compound selected from:

N N N O		
N N N N N N N N N N N N N N N N N N N		N N N N N N N N N N N N N N N N N N N
N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	N N O
N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	N N N O
	H-CI FF	
N N N H-CI	N N N O H-Ci	

	N N N N N N N N N N N N N N N N N N N	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
N N O H-CI	N O H-CI	N N N N N N N N N N N N N N N N N N N
H-CI	N-Z- H-CI	N H-CI
N H-CI	H-CI N-O	H-CI N-O
H-CI N O		K. O. N.
N N O	K.O.O	N O F

N	N N - O -	N N N N N N N N N N N N N N N N N N N
N	N N N N N N N N N N N N N N N N N N N	N N O
N N N	N N N N N N N N N N N N N N N N N N N	N OH
N N O	N N O O	N N N N N N N N N N
N N OH	N N O O	N N OH
N CI	N N N N N N N N N N N N N N N N N N N	N N O F
N N N N N N N N N N N N N N N N N N N	N N N O V	N N N O V
N N O	N N O	N N O
N N N O	N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N

N N N N N N N N N N N N N N N N N N N	NNOO	N N N O
N N N N N N N N N N N N N N N N N N N	N N N N N N N N N N N N N N N N N N N	N OH
N N N O HO	Н о	o
H-CI N-N-O	NH N N-O	
NH N Br	O NH NH NH O	Z-Z-Z-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O
NH NH NH NH NH NH NH NH NH NH NH NH NH N	N OH,	N
N OH,	N	HC.

H,C OH,	H,C,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,O,	
N CH ₃ CH ₃ CH ₃	N CH ₃	H,C N CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O
Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-	QH ₃	N
N OH,	HO OH, OH, OH, OH, OH, OH, OH, OH, OH, O	
H ₂ C N OH,	H ₂ N O CH ₃ O CH ₃	N OH,
CH,	H ₃ C O CH ₃	N OH,

CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	N OH, OH,	OH,
CH ₃	2 dt, o dt,	OH, OH, OH,
CH,	H,C N OH, OH, OH,	
H,C-N OH,	OH, OH, OH,	
N CH, CH,	H ₂ C N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-N-	
N CH ₃ CH ₃	CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O	04, 00 ⁴

N CH ₃ CH ₃	H ₃ C OH ₃	N CH, O'CH,
CH3	CH ₃ CCH ₃ CCH ₃ CCH ₃	
CH ₃		CH ₃
N CH ₃	H,C N CH,	24, 04, 04, 04, 04, 04, 04, 04, 04, 04, 0
CH ₃ CH ₃ CH ₃	N CH ₃ CH ₃ CH ₃ CH ₃	
N OH, OH, OH,	F F CH ₃ CH	

H,C N OH,	CI N CH ₃ N CH ₃ OH ₃	H,C, N, OH, OH, OH, OH,
H ₂ C ₂ O ₂ O ₃ O ₄ O ₄ O ₅ O ₄ O ₅	H ₃ C, N-N CH ₃ CO-CH ₃	N CH ₃ OCH ₃
	D-2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	H,C O O O O O O O O O O O O O O O O O O O
CH ₃ OH ₃	H ₂ C CI N CH ₃ C	N CH ₃ CH ₃ CH ₃
CI N CH, OH, N CH, OH,		N CH ₃ CH ₃
CH ₃ CH ₃ CH ₄		N CH,

CH ₃ CH ₃ CH ₃ CH ₃	OH,	H ₃ C ₃ S N OH ₃ O OH ₃ O
	P CH ₃ OH ₃	CH ₃ CH ₃
Chira	H,C N N N N N N N N N N N N N N N N N N N	H,C P OH,
CH ₃	CH ₃ CH ₃	F C OI,
O CH ₃	N	CH ₃
CH,	F F CH,	CH, CI OH, CH, CH, CH, CH, CH, CH, CH, CH, CH, C

OH ₃ OH ₃	H ₂ C Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	CH ₃
CH ₃ CH ₃	H ₂ C N OH ₃	F CH ₃
CH ₃ CH ₃ CCH ₃	O	F CH ₃ CH ₃ CH ₃
N CH, CH, CH,		HCC N CH ₃ CH ₃ CH ₃
H,C CH, CH, CH, CH, CH, CH, CH, CH, CH,	N CH ₃	
N CH, N CH	H ₃ C N CH ₃ CH ₃ CH ₃	CI C

	C	
HO CH,	H ₃ C CH ₃	
N CH, O' OH, O' OH,	N CH, CH,	OH, OH, OH,
01, 01, 01, 01, 01, 01, 01, 01, 01, 01,	N CH ₃ CH ₃	
F- F	H ₂ C N OH ₃	F F O O O O O O O O O O O O O O O O O O
H,C, N,	CI C	C
H,C H, CH, CH, CH, CH, CH, CH, CH, CH, C	N CH, OH, OCH,	H ² C N N N N N N N N N N N N N N N N N N N
N OH, OH, OH,		

S N CH ₃ O CH ₃	F - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	
	N CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	N CH ₃
H ₁ C CH ₃ N N N N OH ₃	H,C N N OH,	
CH ₃		NH2 CH3 OCH3
2 2 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	CH ₃ OCH ₃ OCH ₃	H ₃ C ,, O ,, CH ₃
H,C CH, CH, CH, CH, CH, CH, CH, CH, CH,	CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O	

H ₂ C N OH ₃ OH ₃	CH3 CH3 CH3 CH3 CH3	Z-N-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O-O-
CH ₃	2 - 2 - 2 - 3 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	
CH ₃ CH ₃ CH ₃ CH ₃		N OH, OH, OH, OH,
N CH3 CH3 CH3	H ₃ C O O O O O O O O O O O O O O O O O O O	04, 04, 04, 04, 04, 04, 04, 04, 04, 04,
F CH ₃	E CH ₃ CH ₃ CH ₃	Q4,

H,C,O,O,OH,OH,OH,OH,OH,OH,OH,OH,OH,OH,OH,OH	CH ₃ CH ₃ CH ₃ CH ₃	H,C O CH,
H ₂ C OH ₃		S CH ₃
N CH ₃ CH ₃	₹, 2, 2, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	
HO CH ₃ CH ₃ CH ₃ CH ₃	E CH ₃ OH ₃ OH ₃ OH ₃	
	N CH ₃ N CH ₃ N CH ₃ O CH ₃	HO CH ₃ CH

OH,	N CH ₃ CH ₃	F P CH, N CH
F OH, OH, OH,	H ₂ C N N N N N N N N N N N N N	
N-N-N-OCH3		d- √ 2 2 2 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
H ₃ C N CH ₃ CH ₃ CH ₃		CH3 O CH3 N CH3 CH3 O
N CH ₃ CH ₃	CH ₃	H ₃ C CH ₃ N CH ₃ OH ₃ OH ₃ OH ₃ OH ₃
CH ₃		H,C N OH,

N OH, OH, OH,		H,C O
H ₃ C OH ₃	CH ₃ CH ₃ CCH ₃	CH ₃ CH ₃ CH ₃
S CH,	H,C, N, O,	CH ₃ OCH
N CH, OH, OH, OH, OH, OH, OH, OH, OH, OH, O	N CH3 CH3	H,C N OH, OH, OH, OH,
CH ₃ CH ₄ CH ₄		F N OH, OH, OH, OH,
S N CH ₃ N CH ₃ N CH ₃ CH ₃		

	CH ₃ CH ₃ CH ₃ CH ₃	0H ₂ 0H ₃
H,C OH,		01, 01, 01, 01, 01, 01, 01, 01, 01, 01,
CI N CH ₃ CH ₃ CH ₃	N CH,	CH ₃
CH ₃ CH ₃ CH ₃ CH ₃	H,C N CH,	
OH,	CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	
CH ₃	N	N CH, CH,

ρ _λ	он,	H ₅ C
N OH,	H,C N CH,	F OH, OH, OH,
OH, OH,	CH, CH,	
N OH, OH,	2 dt, 2 dt, 2 dt, 3 dt,	N CH, CH, CH,
4. 2. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	N	H _i C _O C _i Chiral
H,C-N N OH,	2 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3	
CH ₃ CH ₃ CH ₃ CH ₃	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	CH, CC CH
CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	2 - N - Ct	

	Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-Z-	H ₃ C CH ₃ OH ₃ OH ₃ OH ₃ OH ₃
H,C, O CH, O	## P	
CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CH ₃	
H,C N OH,	F F CH3	P P P P P P P P P P P P P P P P P P P
F F F F F F F F F F F F F F F F F F F	Hyc N CH,	O CH3 CH3 CH3

or a pharmaceutically acceptable salt thereof.

26 (Currently Amended). A compound represented by Formula (I):

$$\begin{array}{c}
R^4 \\
R^2 \\
N \longrightarrow R^1 \\
R^5 \\
R^3
\end{array}$$

or a pharmaceutically acceptable salt thereof, wherein

R¹ is -C₀-6alkyl-aryl, -C₀-6alkyl-heteroaryl, -C₀-6alkyl-C₃-6cycloalkyl, or -C₀-6alkyl-heteroC₃-7cycloalkyl, optionally substituted with 1-6 independent halogen, -CN, NO₂, -C₁-6alkyl, -C₀-6alkyl-C₃-6cycloalkyl, -C₀-6alkyl-heteroC₃-7cycloalkyl, -OR⁶, -NR⁶R⁷, -C(=NR⁶)NR⁷R⁸, -N(-NR⁸R⁶)NR⁷R⁸, -NR⁶COR⁷, -NR⁶CO₂R⁷, -NR⁶SO₂R⁸8, -NR⁶CONR⁷R⁸, -SR⁸8, -SO₂R⁸8, -SO₂NR⁶R⁷, -COR⁶, -CO₂R⁶, -CONR⁶R⁷, -C(=NR⁶)R⁷, or -C(=NOR⁶)R⁷ substituents;

 $R^2,\,R^4,\,R^3,\,$ and R^5 each independently is –C0-6alkyl, –C0-6alkyl–aryl, –C0-6alkyl–heteroaryl, –C0-6alkyl–C3-6cycloalkyl, or –C0-6alkyl–heteroC3-7cycloalkyl, optionally substituted with 1-6 independent halogen, –CN, NO₂, -C1-6alkyl, –OR6, –NR6R7, –C(=NR6)NR7R8, -N(-NR88R6)NR7R8, –NR6COR7, -NR6CO₂R7, -NR6SO₂R88, –NR6CONR7R8, -SR88, -SO₂R88, -SO₂NR6R7, -COR6, -CO₂R6, –CONR6R7, -C(=NR6)R7, or -C(=NOR6)R7 substituents; and

R6, R7, R8, and R88 each independently is $-C_{0-6}$ alkyl, $-C_{3-7}$ cycloalkyl, heteroaryl, or aryl; optionally substituted with 1-5 independent halogen, -CN, $-C_{1-6}$ alkyl, -O(C₀₋₆alkyl), -O(C₃₋₇cycloalkyl), -O(aryl), -N(C₀₋₆alkyl)(C₀₋₆alkyl), -N(C₀₋₆alkyl)(C₃₋₇cycloalkyl), or -N(C₀₋₆alkyl)(aryl) substituents, wherein when the carbon atom in $-C_{0-6}$ alkyl equals "0" then no alkyl is present; provided that the compound is not

6-methyl-6*H*-pyrrolo[3,4-*d*]pyridazine,

1,4,5,7-tetramethyl-6-phenyl-6*H*-pyrrolo[3,4-*d*]pyridazine,

1,4,5-trimethyl-6,7-diphenyl-6H-pyrrolo[3,4-d]pyridazine,

5,7-dimethyl-1,4,6-triphenyl-6*H*-pyrrolo[3,4-*d*]pyridazine,

5-methyl-1,4,6,7-tetraphenyl-6*H*-pyrrolo[3,4-*d*]pyridazine,

1,4-bis-(4-methoxy-phenyl)-5,7-dimethyl-6-phenyl-6*H*-pyrrolo[3,4-

d]pyridazine,

1,4-bis-(4-methoxy-phenyl)-5-methyl-6,7-diphenyl-6*H*-pyrrolo[3,4-

d]pyridazine,

1,4-diethyl-5,7-dimethyl-6-phenyl-6*H*-pyrrolo[3,4-*d*]pyridazine,

1,4,5,7-tetramethyl-6*H*-pyrrolo[3,4-*d*]pyridazine,

N-(1,4,5,7-tetramethyl-pyrrolo[3,4-d]pyridazin-6-yl)-benzamide,

1,4,5,7-tetramethyl-pyrrolo[3,4-d]pyridazin-6-ylamine picrate,

1,4,5,7-tetramethyl-pyrrolo[3,4-d]pyridazin-6-ylamine,

5,7-dimethyl-6-phenyl-6*H*-pyrrolo[3,4-*d*]pyridazine,

5,7-dimethyl-2-phenacyl-6*H*-pyrrolo[3,4-*d*]pyridazinium bromide,

2-(2-methoxycarbonylvinyl)-5,7-dimethyl-6*H*-pyrrolo[3,4-*d*]pyridazinium

tetrafloroborate

```
5,7-diphenyl-6H-pyrrolo[3,4-d]pyridazine,
               5,6,7-trimethyl-6H-pyrrolo[3,4-d]pyridazine,
               1,4-diphenyl-7,8,9,10-tetrahydro-pyridazino[4,5-a]indolizine,
               5-methyl-1,4-diphenyl-7,8,9,10-tetrahydro-pyridazino[4,5-a]indolizine,
               6-benzyl-1,4-diphenyl-5-p-tolyl-6H-pyrrolo[3,4-d]pyridazine,
               6-benzyl-5-(2-chloro-phenyl)-1,4-diphenyl-6H-pyrrolo[3,4-d]pyridazine,
               1,4,5,6,7-pentaphenyl-6H-pyrrolo[3,4-d]pyridazine,
               6,7,10,11-tetraphenyl-pyridazino[4',5':3,4]pyrrolo[1,2-a]quinoxaline,
               11-(4-nitro-phenyl)-6,7,10-triphenyl-pyridazino[4'.5':3,4]pyrrolo[1,2-
a]quinoxaline,
               6-benzyl-1,4,5-triphenyl-6H-pyrrolo[3,4-d]pyridazine,
               9,12-diphenyl-pyridazino[4',5':3,4]pyrrolo[2,1-a]isoquinoline,
               5-methylsulfanyl-1,4,6,7-tetraphenyl-6H-pyrrolo[3,4-d]pyridazine,
               1,4,6,7-tetraphenyl-6H-pyrrolo[3,4-d]pyridazine-5-carboxylic acid ethyl ester,
               7,10-diphenyl-pyridazino[4',5':3,4]pyrrolo[1,2-a]quinoline,
               11,14-diphenyl-pyridazino[4',5':3,4]pyrrolo[1,2-f]phenanthridine,
               1-oxo-7-oxy-6b,11b-dihydro(pyridazino[4',5'-c]-pyrrolo)[2.1-c]benzoxazine-
1,4,
               10-methyl-1,4-diphenyl-8,9-dihydro-7H-benzo(ef)pyridazino[4,5-
a]cycl[3.3.2]azine,
               11-methyl-1,4-diphenyl-7,8,9,10-tetrahydrocyclohepta(ef)pyridazino[4,5-
alcycl[3.3.2]azine,
               1,4-dichloro-5,6,7-trimethyl-6H-pyrrolo[3,4-d]pyridazine,
               1-chloro-4-ethoxy-5,6,7-trimethyl-6H-pyrrolo[3,4-d]pyridazine,
               1-chloro-5,6,7-trimethyl-6H-pyrrolo[3,4-d]pyridazinium chloride,
               1-ethoxy-2,5,6,7-tetramethyl-6H-pyrrolo[3,4-d]pyridazinium
tetrafluoroborate.
               1-ethoxy-5,6,7-trimethyl-2H,6H-pyrrolo[3,4-d]pyridazinium tetrafluoroborate,
               1-ethoxy-3-ethyl-5,6,7-trimethyl-6H-pyrrolo[3,4-d]pyridazinium
tetrafluoroborate,
               1-ethoxy-5,6,7-trimethyl-6H-pyrrolo[3,4-d]pyridazine,
               5-cyano-1,4-dimethylpyridazino[4,5-a]indolizine,
               1,4-dimethyl-6-phenyl-2,3,8a-triaza-fluorene-9-carbonitrile,
               6-benzolyl-1,4-dimethyl-2,3,8a-triaza-fluorene-9-carbonitrile,
               6-benzyl-1,4-diphenyl-2,3,8a-triaza-fluorene-9-carbonitrile,
               1,4,6-trimethyl-2,3,8a-triaza-fluorene-9-carbonitrile,
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5-cyano-1,4-diphenylpyridazino[4,5-a]indolizine,

6-methyl-1,4-diphenyl-2,3,8a-triaza-fluorene-9-carbonitrile,

6-benzoyl-1,4-diphenyl-2,3,8a-triaza-fluorene-9-carbonitrile,

1,4,6-triphenyl-2,3,8a-triaza-fluorene-9-carbonitrile,

5,7-dimethyl-1,4-diphenyl-2,3,8a-triaza-fluorene-9-carbonitrile,

9,12-diphenyl-pyridazino[4',5':3,4]pyrrolo[2,1-a]isoquinoline-8-carbonitrile, dimethyl 3,12,13,17-tetramethyl-7²,7³-diazabenzo[g]porphyrin-2,18-

dipropionate,

ol,

5,6-dihydro-2,3-dimethoxypyridazino[4',5':3,4]pyrrolo[2,1-a]isochinolin-9-

5, 6- dihydro-2, 3- dimethoxypyridazino [4',5':3,4] pyrrolo [2,1-a] isochinolin-9-ol-hydrochloride,

3-methyl-6,9-diphenylthiazolo[3',2':1,2]pyrrolo[3,4-*d*]pyridine, or 1,4-diphenylpyridazino[4',5':3,4]pyrrolo[2,1-*b*]benzothiazole; and is not selected from the following table:

CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ N N CH ₃ CH ₃	CH ₃ CH ₃ N N N CH ₃ CH ₃ CH ₃ CH ₃ CH ₃
CH ₃ CH ₃ N CH ₃ CH ₃	CH ₃ CH ₃ N N CH ₃ CH ₃	CH ₃ CH ₃ NH ₂ N CH ₃ CH ₃
CH ₃ CH ₃ CH ₃ CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ N CH ₃ CH ₃	CH ₃ CH ₃ N N CH ₃ CH ₃ NH ₂
CH ₃ CH ₃ N N CH ₃ CH ₃	CH ₃ CH ₃ CH ₃ N—CH ₃ CH ₃ CH ₃	CH ₃ CH ₃ O CH ₃ CH ₃ CH ₃

CH ₃ CH ₃ N N CH ₃ CH ₃		
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